



Description of Services Ordered and Certification DRAFT Form 471

FCC Form 471

Application Information

| | | | |
|---------------------|--------------|----------------------------|------------|
| Nickname | FY17Fiber471 | Application Number | 171049437 |
| Funding Year | 2017 | Category of Service | Category 1 |

Billed Entity

RACINE UNIFIED SCHOOL DISTRICT
3109 MOUNT PLEASANT ST RACINE WI 53404
262-631-7116

Contact Information

Tim Peltz
262-619-4623
tim.peltz@rusd.org

Billed Entity Number 132911
FCC Registration Number 0007248321
Applicant Type School District

Entity Information

School District Entity - Details

| BEN | Name | Urban/ Rural | State LEA ID | State School ID | NCES Code | School District Attributes | Endowment |
|--------|--------------------------------|-----------------|-----------------|-----------------------|--------------|-------------------------------|-----------|
| 132911 | RACINE UNIFIED SCHOOL DISTRICT | Urban | | | | Public School District | None |

Related Entity Information

Related Child School Entity - Details

| BEN | Name | Urban/ Rural | State LEA ID | State School ID | NCES Code | Alternative Discount | School Attributes | Endowment |
|-------|------------------------------|-----------------|-----------------|--------------------|-----------|-------------------------|-------------------|-----------|
| 60956 | SCHULTE ELEMENTARY SCHOOL | Urban | | | | | Public School | None |
| 61416 | BROWN ELEMENTARY SCHOOL | Urban | | | | None | Public School | None |
| 61417 | NORTH PARK ELEMENTARY SCHOOL | Urban | | | | | Public School | None |
| 61421 | JERSTAD-AGERHOLM MIDDLE SCH | Urban | | | | | | None |
| 61422 | JERSTAD-AGERHOLM ELEM SCHOOL | Urban | | | | | Public School | None |
| 61423 | ROOSEVELT ELEMENTARY SCHOOL | Urban | | | | | Public School | None |
| 61428 | RED APPLE ELEMENTARY SCHOOL | Urban | | | | | | None |
| 61431 | JANES ELEMENTARY SCHOOL | Urban | | | | | Public School | None |

| BEN | Name | Urban/ Rural | State LEA ID | State School ID | NCES Code | Alternative Discount | School Attributes | Endowment |
|----------|------------------------------------|-----------------|-----------------|--------------------|-----------|-------------------------|-------------------|-----------|
| 61435 | PARK HIGH SCHOOL | Urban | | | | | | None |
| 61438 | WALDEN III MIDDLE | Urban | | | | | | None |
| 61440 | BULL FINE ARTS ELEMENTARY SCH | Urban | | | | | | None |
| 61443 | MITCHELL ELEMENTARY SCHOOL | Urban | | | | | Public School | None |
| 61444 | MITCHELL MIDDLE SCHOOL | Urban | | | | | Public School | None |
| 61446 | DR JONES ELEMENTARY SCHOOL | Urban | | | | | Public School | None |
| 61448 | HORLICK HIGH SCHOOL | Urban | | | | | | None |
| 61449 | WADEWITZ ELEMENTARY SCHOOL | Urban | | | | | Public School | None |
| 61451 | GILMORE MIDDLE SCHOOL | Urban | | | | | Public School | None |
| 61452 | JEFFERSON ELEMENTARY SCHOOL | Urban | | | | | | None |
| 61456 | FRATT ELEMENTARY SCHOOL | Urban | | | | | Public School | None |
| 61457 | MCKINLEY MIDDLE SCHOOL | Urban | | | | | | None |
| 61458 | STARBUCK MIDDLE SCHOOL | Urban | | | | | Public School | None |
| 61460 | KNAPP ELEMENTARY SCHOOL | Urban | | | | | Public School | None |
| 61461 | JOHNSON ELEMENTARY SCHOOL | Urban | | | | | Public School | None |
| 61464 | GIFFORD ELEMENTARY SCHOOL | Rural | | | | | | None |
| 61465 | GOODLAND ELEMENTARY SCHOOL | Urban | | | | | Public School | None |
| 61466 | CASE HIGH SCHOOL | Urban | | | | | | None |
| 61467 | WEST RIDGE ELEMENTARY SCHOOL | Urban | | | | | Public School | None |
| 61468 | GIESE ELEMENTARY SCHOOL | Urban | | | | | Public School | None |
| 173892 | Walden HIGH | Urban | | | | | | None |
| 232924 | JULIAN THOMAS ELEMENTARY SCHOOL | Urban | | | | | Public School | None |
| 16021110 | REAL SCHOOL | Urban | | | | | | None |
| 16044885 | RACINE EARLY EDUCATION CENTER | Urban | | | | | Public School | None |
| 16044886 | ALL DIST 4YR OLD KINDERGARTEN | Urban | | | | | | None |
| 16081812 | RACINE CIVIL LEADERS ACADEMY | Urban | | | | | Public School | None |

Related Child School Entity - Discount Rate Calculation Details

| BEN | Name | Urban/ Rural | Number of Students | Students Count Based on Estimate | CEP Percentage |
|-------|------------------------------|-----------------|-----------------------|--|-------------------|
| 60956 | SCHULTE ELEMENTARY SCHOOL | Urban | 457 | N/A | 44.85% |
| 61416 | BROWN ELEMENTARY SCHOOL | Urban | 487 | N/A | |
| 61417 | NORTH PARK ELEMENTARY SCHOOL | Urban | 391 | N/A | 58.05% |

| BEN | Name | Urban/ Rural | Number of Students | Students Count Based on Estimate | CEP Percentage |
|------------|---------------------------------|-------------------------|-------------------------------|---|---------------------------|
| 61421 | JERSTAD-AGERHOLM MIDDLE SCH | Urban | 0 | N/A | |
| 61422 | JERSTAD-AGERHOLM ELEM SCHOOL | Urban | 328 | N/A | 53.05% |
| 61423 | ROOSEVELT ELEMENTARY SCHOOL | Urban | 370 | N/A | 69.73% |
| 61428 | RED APPLE ELEMENTARY SCHOOL | Urban | 0 | N/A | |
| 61431 | JANES ELEMENTARY SCHOOL | Urban | 324 | N/A | 74.07% |
| 61435 | PARK HIGH SCHOOL | Urban | 0 | N/A | |
| 61438 | WALDEN III MIDDLE | Urban | 0 | N/A | |
| 61440 | BULL FINE ARTS ELEMENTARY SCH | Urban | 0 | N/A | |
| 61443 | MITCHELL ELEMENTARY SCHOOL | Urban | 434 | N/A | 58.75% |
| 61444 | MITCHELL MIDDLE SCHOOL | Urban | 659 | N/A | 54.47% |
| 61446 | DR JONES ELEMENTARY SCHOOL | Urban | 459 | N/A | 63.00% |
| 61448 | HORLICK HIGH SCHOOL | Urban | 0 | N/A | |
| 61449 | WADEWITZ ELEMENTARY SCHOOL | Urban | 612 | N/A | 67.81% |
| 61451 | GILMORE MIDDLE SCHOOL | Urban | 683 | N/A | 54.61% |
| 61452 | JEFFERSON ELEMENTARY SCHOOL | Urban | 0 | N/A | |
| 61456 | FRATT ELEMENTARY SCHOOL | Urban | 535 | N/A | 58.00% |
| 61457 | MCKINLEY MIDDLE SCHOOL | Urban | 0 | N/A | |
| 61458 | STARBUCK MIDDLE SCHOOL | Urban | 750 | N/A | 51.60% |
| 61460 | KNAPP ELEMENTARY SCHOOL | Urban | 329 | N/A | 80.24% |
| 61461 | JOHNSON ELEMENTARY SCHOOL | Urban | 538 | N/A | 66.73% |
| 61464 | GIFFORD ELEMENTARY SCHOOL | Rural | 0 | N/A | |
| 61465 | GOODLAND ELEMENTARY SCHOOL | Urban | 375 | N/A | 72.00% |
| 61466 | CASE HIGH SCHOOL | Urban | 0 | N/A | |
| 61467 | WEST RIDGE ELEMENTARY SCHOOL | Urban | 561 | N/A | 59.71% |
| 61468 | GIESE ELEMENTARY SCHOOL | Urban | 343 | N/A | 64.43% |
| 173892 | Walden HIGH | Urban | 0 | N/A | |
| 232924 | JULIAN THOMAS ELEMENTARY SCHOOL | Urban | 592 | N/A | 81.92% |
| 16021110 | REAL SCHOOL | Urban | 0 | N/A | |
| 16044885 | RACINE EARLY EDUCATION CENTER | Urban | 140 | N/A | 74.28% |
| 16044886 | ALL DIST 4YR OLD KINDERGARTEN | Urban | 0 | N/A | |
| 16081812 | RACINE CIVIL LEADERS ACADEMY | Urban | 190 | N/A | 78.94% |

Discount Rate

| School District Enrollment | School District NSLP Count | School District NSLP Percentage | School District Urban/ Rural Status | Category One Discount Rate | Category Two Discount Rate | Voice Discount Rate |
|-------------------------------|-------------------------------|------------------------------------|---|-------------------------------|-------------------------------|------------------------|
| 19926 | 14246 | 72.0% | Urban | 80% | 80% | 20% |

Funding Request for FRN #1799112520

Funding Request Nickname: FY17FRNFIBER

Service Type: Data Transmission and/or Internet Access

Fiber Request Key Information

Special Construction, Maintenance and Operations, or Network Equipment? Yes

Is this FRN supporting leased lit fiber, dark fiber or self-provisioned new or existing fiber? Dark Fiber

Is this FRN for Special Construction, Network Equipment, Maintenance & Operation or both Network Equipment and Maintenance & Operation? Maintenance And Operation

Is this Leased Dark Fiber or IRU ? IRU

Agreement Information - Contract

Contract Number

Account Number

User-entered Establishing FCC Form 470# 674210000867240

Service Provider Midwest Fiber Networks LLC (SPN: 143030186)

Was an FCC Form 470 posted for the product and/or services you are requesting? Yes

Based on State Master Contract? No

Award Date March 22, 2011

Based on a multiple award schedule? No

How many bids were received for this contract? 1

Includes Voluntary Extensions? No

What is the service start date? July 01, 2017

Remaining Voluntary Extensions

Total Remaining Contract Length

What is the date your contract expires for the current term of the contract? June 30, 2031

| Document Name | Document Description |
|----------------------|----------------------|
| Midwest Contract.pdf | |

Pricing Confidentiality

Is there a statute, rule, or other restriction which prohibits publication of the specific pricing information for this contract? No

Narrative All routine maintenance and repair functions of the fiber optic cable in the IRU

Line Item # 1799112520.001

Product and Service Details

Purpose Internet access service that includes a connection from any applicant site directly to the Internet Service Provider

Function Fiber Maintenance & Operations

Type of Connection

Bandwidth Speed

Upload Speed N.A. **Download Speed** N.A.

Connection Information

Does this include firewall services? No **Is this a connection between eligible schools, libraries and NIFs (i.e., a connection that provides a “Wide area network”)?** No

Is this a direct connection to a single school, library or a NIF for Internet access? No

Cost Calculation for FRN Line Item # 1799112520.001

| Monthly Cost | |
|---|---------------|
| Monthly Recurring Unit Cost | \$8,060.00 |
| Monthly Recurring Unit Ineligible Costs | - \$0.00 |
| Monthly Recurring Unit Eligible Costs | = \$8,060.00 |
| Monthly Quantity | x 1 |
| Total Monthly Eligible Recurring Costs | = \$8,060.00 |
| Months of Service | x 12 |
| Total Eligible Recurring Costs | = \$96,720.00 |
| | |

| One-Time Cost | |
|--|---------------|
| One-time Unit Cost | \$0.00 |
| One-time Ineligible Unit Costs | - \$0.00 |
| One-time Eligible Unit Cost | = \$0.00 |
| One-time Quantity | x 1 |
| Total Eligible One-time Costs | = \$0.00 |
| Summary | |
| Total Eligible Recurring Costs | \$96,720.00 |
| Total Eligible One-time Costs | + \$0.00 |
| Pre-Discout Extended Eligible Line Item Cost | = \$96,720.00 |

Recipients of Services

| BEN | Name |
|----------|---------------------------------|
| 60956 | SCHULTE ELEMENTARY SCHOOL |
| 61416 | BROWN ELEMENTARY SCHOOL |
| 61417 | NORTH PARK ELEMENTARY SCHOOL |
| 61421 | JERSTAD-AGERHOLM MIDDLE SCH |
| 61422 | JERSTAD-AGERHOLM ELEM SCHOOL |
| 61423 | ROOSEVELT ELEMENTARY SCHOOL |
| 61428 | RED APPLE ELEMENTARY SCHOOL |
| 61431 | JANES ELEMENTARY SCHOOL |
| 61435 | PARK HIGH SCHOOL |
| 61438 | WALDEN III MIDDLE |
| 61440 | BULL FINE ARTS ELEMENTARY SCH |
| 61443 | MITCHELL ELEMENTARY SCHOOL |
| 61444 | MITCHELL MIDDLE SCHOOL |
| 61446 | DR JONES ELEMENTARY SCHOOL |
| 61448 | HORLICK HIGH SCHOOL |
| 61449 | WADEWITZ ELEMENTARY SCHOOL |
| 61451 | GILMORE MIDDLE SCHOOL |
| 61452 | JEFFERSON ELEMENTARY SCHOOL |
| 61456 | FRATT ELEMENTARY SCHOOL |
| 61457 | MCKINLEY MIDDLE SCHOOL |
| 61458 | STARBUCK MIDDLE SCHOOL |
| 61460 | KNAPP ELEMENTARY SCHOOL |
| 61461 | JOHNSON ELEMENTARY SCHOOL |
| 61464 | GIFFORD ELEMENTARY SCHOOL |
| 61465 | GOODLAND ELEMENTARY SCHOOL |
| 61466 | CASE HIGH SCHOOL |
| 61467 | WEST RIDGE ELEMENTARY SCHOOL |
| 61468 | GIESE ELEMENTARY SCHOOL |
| 173892 | Walden HIGH |
| 232924 | JULIAN THOMAS ELEMENTARY SCHOOL |
| 16021110 | REAL SCHOOL |
| 16044885 | RACINE EARLY EDUCATION CENTER |
| 16044886 | ALL DIST 4YR OLD KINDERGARTEN |
| 16081812 | RACINE CIVIL LEADERS ACADEMY |

FRN Calculation for FRN #1799112520

| Monthly Charges | |
|---|---------------|
| Total Monthly Recurring Charges | \$8,060.00 |
| Total Monthly Ineligible Charges | - \$0.00 |
| Total Monthly Eligible Charges | = \$8,060.00 |
| Total Number of Months of Service | x 12 |
| Total Eligible Pre-Discount Recurring Charges | = \$96,720.00 |

| One-Time Charges | |
|--|----------|
| Total One-Time Charges | \$0.00 |
| Total Ineligible One-Time Charges | - \$0.00 |
| Total Eligible Pre-Discount One-Time Charges | = \$0.00 |

| Total Requested Amount | |
|---|---------------|
| Total Eligible Pre-Discount Recurring Charges | \$96,720.00 |
| Total Eligible Pre-Discount One-Time Charges | + \$0.00 |
| Total Pre-Discount Charges | = \$96,720.00 |
| Discount Rate | 80% |
| Funding Commitment Request | = \$77,376.00 |

Connectivity Questions

District/System-wide Internet Access Questions

Does your school district currently aggregate Internet access for the entire district(as opposed to buying Yes Internet access on a building-by-building basis)?

Download Speed 10.00 **Download Speed Units** Gbps

Upload Speed 10.00 **Upload Speed Units** Gbps

Per Entity Basis Questions

Entity Name RACINE UNIFIED SCHOOL DISTRICT **Entity Number** 132911

| BEN | Entity Name | Download | Units | Upload | Units | Connection | Wifi Sufficient | Barriers to Robust Network |
|-------|-------------------------------|----------|-------|--------|-------|------------|-----------------|---|
| 60956 | SCHULTE ELEMENTARY SCHOOL | 1.00 | Gbps | 1.00 | Gbps | Fiber | Completely | Physical s tructure or layout of building(s) |
| 61416 | BROWN ELEMENTARY SCHOOL | 1.00 | Gbps | 1.00 | Gbps | Fiber | Completely | Physical s tructure or layout of building(s) |
| 61417 | NORTH PARK ELEMENTARY SCHOOL | 1.00 | Gbps | 1.00 | Gbps | Fiber | Completely | Physical s tructure or layout of building(s) |
| 61421 | JERSTAD-AGERHOLM MIDDLE SCH | 1.00 | Gbps | 1.00 | Gbps | Fiber | Completely | Physical s tructure or layout of building(s) |
| 61422 | JERSTAD-AGERHOLM ELEM SCHOOL | 1.00 | Gbps | 1.00 | Gbps | Fiber | Completely | Physical s tructure or layout of building(s) |
| 61423 | ROOSEVELT ELEMENTARY SCHOOL | 1.00 | Gbps | 1.00 | Gbps | Fiber | Completely | Physical s tructure or layout of building(s) |
| 61428 | RED APPLE ELEMENTARY SCHOOL | 1.00 | Gbps | 1.00 | Gbps | Fiber | Completely | Physical s tructure or layout of building(s) |
| 61431 | JANES ELEMENTARY SCHOOL | 1.00 | Gbps | 1.00 | Gbps | Fiber | Completely | Physical s tructure or layout of building(s) |
| 61435 | PARK HIGH SCHOOL | 10.00 | Gbps | 10.00 | Gbps | Fiber | Completely | Physical s tructure or layout of building(s) |
| 61438 | WALDEN III MIDDLE | 1.00 | Gbps | 1.00 | Gbps | Fiber | Completely | Physical s tructure or layout of building(s) |
| 61440 | BULL FINE ARTS ELEMENTARY SCH | 1.00 | Gbps | 1.00 | Gbps | Fiber | Completely | Physical s tructure or layout of building(s) |

| BEN | Entity Name | Download | Units | Upload | Units | Connection | Wifi Sufficient | Barriers to Robust Network |
|-------|-----------------------------|----------|-------|--------|-------|------------|-----------------|---|
| 61443 | MITCHELL ELEMENTARY SCHOOL | 1.00 | Gbps | 1.00 | Gbps | Fiber | Completely | Physical structure or layout of building(s) |
| 61444 | MITCHELL MIDDLE SCHOOL | 1.00 | Gbps | 1.00 | Gbps | Fiber | Completely | Physical structure or layout of building(s) |
| 61446 | DR JONES ELEMENTARY SCHOOL | 1.00 | Gbps | 1.00 | Gbps | Fiber | Completely | Physical structure or layout of building(s) |
| 61448 | HORLICK HIGH SCHOOL | 10.00 | Gbps | 10.00 | Gbps | Fiber | Completely | Physical structure or layout of building(s) |
| 61449 | WADEWITZ ELEMENTARY SCHOOL | 1.00 | Gbps | 1.00 | Gbps | Fiber | Completely | Physical structure or layout of building(s) |
| 61451 | GILMORE MIDDLE SCHOOL | 1.00 | Gbps | 1.00 | Gbps | Fiber | Completely | Physical structure or layout of building(s) |
| 61452 | JEFFERSON ELEMENTARY SCHOOL | 1.00 | Gbps | 1.00 | Gbps | Fiber | Completely | Physical structure or layout of building(s) |
| 61456 | FRATT ELEMENTARY SCHOOL | 1.00 | Gbps | 1.00 | Gbps | Fiber | Completely | Physical structure or layout of building(s) |
| 61457 | MCKINLEY MIDDLE SCHOOL | 1.00 | Gbps | 1.00 | Gbps | Fiber | Completely | Physical structure or layout of building(s) |
| 61458 | STARBUCK MIDDLE SCHOOL | 1.00 | Gbps | 1.00 | Gbps | Fiber | Completely | Physical structure or layout of building(s) |
| 61460 | KNAPP ELEMENTARY SCHOOL | 1.00 | Gbps | 1.00 | Gbps | Fiber | Completely | Physical structure or layout of building(s) |
| 61461 | JOHNSON ELEMENTARY SCHOOL | 1.00 | Gbps | 1.00 | Gbps | Fiber | Completely | Physical structure or layout of building(s) |
| 61464 | GIFFORD ELEMENTARY SCHOOL | 1.00 | Gbps | 1.00 | Gbps | Fiber | Completely | Physical structure or layout of building(s) |
| 61465 | GOODLAND ELEMENTARY SCHOOL | 1.00 | Gbps | 1.00 | Gbps | Fiber | Completely | Physical structure or layout of building(s) |
| 61466 | CASE HIGH SCHOOL | 10.00 | Gbps | 10.00 | Gbps | Fiber | Completely | Physical structure or |

| BEN | Entity Name | Download | Units | Upload | Units | Connection | Wifi Sufficient | Barriers to Robust Network |
|----------|---------------------------------|----------|-------|--------|-------|------------|-----------------|---|
| | | | | | | | | layout of building(s) |
| 61467 | WEST RIDGE ELEMENTARY SCHOOL | 1.00 | Gbps | 1.00 | Gbps | Fiber | Completely | Physical structure or layout of building(s) |
| 61468 | GIESE ELEMENTARY SCHOOL | 1.00 | Gbps | 1.00 | Gbps | Fiber | Completely | Physical structure or layout of building(s) |
| 173892 | Walden HIGH | 1.00 | Gbps | 1.00 | Gbps | Fiber | Completely | Physical structure or layout of building(s) |
| 232924 | JULIAN THOMAS ELEMENTARY SCHOOL | 1.00 | Gbps | 1.00 | Gbps | Fiber | Completely | Physical structure or layout of building(s) |
| 16021110 | REAL SCHOOL | 1.00 | Gbps | 1.00 | Gbps | Fiber | Completely | Physical structure or layout of building(s) |
| 16044885 | RACINE EARLY EDUCATION CENTER | 1.00 | Gbps | 1.00 | Gbps | Fiber | Completely | Physical structure or layout of building(s) |
| 16044886 | ALL DIST 4YR OLD KINDERGARTEN | 1.00 | Gbps | 1.00 | Gbps | Fiber | Completely | Physical structure or layout of building(s) |
| 16081812 | RACINE CIVIL LEADERS ACADEMY | 1.00 | Gbps | 1.00 | Gbps | Fiber | Completely | Physical structure or layout of building(s) |

Notice

Section 54.504 of the Federal Communications Commission's rules requires all schools and libraries ordering services that are eligible for and seeking universal service discounts to submit an application for such discounts by filing this Services Ordered and Certification Form (FCC Form 471) with the Universal Service Administrator. 47 C.F.R. § 54.504. The collection of information stems from the Commission's authority under Section 254 of the Communications Act of 1934, as amended. 47 U.S.C. § 254. The data in the report will be used to ensure that schools and libraries comply with the application requirements for universal service discounts contained in 47 C.F.R. § 54.504. Schools and libraries must file this form themselves or as part of a consortium. An agency may not conduct or sponsor, and a person is not required to respond to, a collection of information unless it displays a currently valid OMB control number. The FCC is authorized under the Communications Act of 1934, as amended, to collect the information we request in this form. We will use the information you provide to determine whether approving your application for universal service discounts is in the public interest. If we believe there may be a violation or a potential violation of any applicable statute, regulation, rule or order, your application may be referred to the Federal, state, or local agency responsible for investigating, prosecuting, enforcing, or implementing the statute, rule, regulation or order. In certain cases, the information in your application for universal service discounts may be disclosed to the Department of Justice or a court or adjudicative body when (a) the FCC; or (b) any employee of the FCC; or (c) the United States Government is a party of a proceeding before the body or has an interest in the proceeding. In addition, consistent with the Communications Act of 1934, FCC regulations and orders, the Freedom of Information Act, 5 U.S.C. § 552, or other applicable law, information provided in or submitted with this form or in response to subsequent inquiries may be disclosed to the public. If you owe a past due debt to the Federal government, the information you provide may also be disclosed to the Department of the Treasury Financial Management Service, other Federal agencies and/or your employer to offset your salary, IRS tax refund or other payments to collect that debt. The FCC may also provide the information to these agencies through the matching of computer records when authorized. If you do not provide the information we request on the form, the FCC or the Universal Service Administrator may delay processing of your application for universal service discounts or may return your application without action. The foregoing Notice is required by the Paperwork Reduction Act of 1995, Pub. L. No. 104-13, 44 U.S.C. § 3501, et seq. Public reporting burden for this collection of information is estimated to average 4.5 hours per response, including the time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, completing, and reviewing the collection of information. Send comments regarding this burden estimate or any other aspect of this collection of information, including suggestions for reducing the reporting burden to the Federal Communications Commission, Performance Evaluation and Records Management, Washington, DC 20554. We also will accept your comments via the email if you send them to PRA@FCC.gov. DO NOT SEND COMPLETED WORKSHEETS TO THESE ADDRESSES.